AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

~~1.~~ (canceled).

1 ~~2.~~ (currently amended): ~~The polynucleotide of Claim 1~~ An isolated polynucleotide consisting of a nucleotide sequence encoding the polypeptide represented by SEQ. ID. No.1,

wherein the nucleotide sequence encoding the amino acid sequence of SEQ. ID. No.1 is ~~represented by~~ a nucleotide sequence of SEQ. ID. No.2.

~~3.~~ (canceled).

~~4.~~ (canceled).

2 ~~5.~~ (currently amended): A recombinant expression vector comprising a polynucleotide encoding a polypeptide of SEQ. ID. No.1, wherein said polynucleotide encoding a polypeptide of SEQ. ID. No.1 is ~~represented by SEQ. ID. No.2~~ the polynucleotide of claim 2 and is operably linked to a promoter so as to allow expression of said polypeptide in a human host cell.

6. (canceled).

3 ~~7.~~ (previously presented): A host cell containing the recombinant expression vector of Claim 5, wherein the host cell is selected from a human cell-line.

~~8.~~ (canceled).

4 ~~9.~~ (currently amended): A process for producing a recombinant polypeptide or its salts of SEQ. ID. No.1, comprising the steps of:

culturing the host cell of Claim 7 under conditions such that the host cell produces said polypeptide or its salts; and

collecting said recombinant polypeptide or its salts from the culture of the host cell.

5 ~~10.~~ (previously presented): A process for producing a recombinant hWAPL protein of SEQ. ID. No.1 comprising the steps of:

culturing the host cell of Claim 7 under conditions such that the host cell produces said hWAPL protein; and

collecting said recombinant hWAPL protein from the culture of the host cell.

Claims 11-14 (canceled).

6 ~~15.~~ (currently amended): A polynucleotide probe consisting of a nucleotide sequence that is complementary to a region of nucleotides 2511 to 2813 of SEQ. ID. No.2, wherein said polynucleotide probe has the same length as that of the region of nucleotides 2511 to 2813.

7 ~~16.~~ (previously presented): A probe hybridization kit, comprising the polynucleotide probe of Claim 15, wherein said kit is useful for detecting an mRNA corresponding to the nucleotide sequence of SEQ. ID. No.2 or cDNA prepared by the mRNA.

~~17.~~ (canceled).

8 ~~18.~~ (previously presented): A primer pair, consisting of the following paired primers:

5'-TTGGATCCATGACATCCAGATTTGGGAAAACATACAGTAGG-3' (SEQ ID NO: 8); and

5'-TTGAATTCCTAGCAATGTTCCAAATATTCAATCACTCTAGA-3' (SEQ ID NO: 9).

9 ~~19.~~ (withdrawn): A primer pair, consisting of the following primers:

5'-GAATTCATAGGCACAGCGCTGAACTGTGTG-3' (SEQ ID NO: 5); and

5'-TTGAATTCCTAGCAATGTTCCAAATATTCA-3' (SEQ ID NO: 6).

~~20.~~ (canceled).

~~21.~~ (canceled).

~~22.~~ (withdrawn): A method of using the polynucleotide of SEQ. ID. No.2 for construction of a recombinant vector comprising a polynucleotide encoding hWAPL protein of SEQ. ID. No.1;

wherein the polynucleotide of SEQ. ID. No.2 is used as a coding sequence to be translated into the polypeptide of SEQ. ID. No.1, and the method comprises the steps of:

preparing a double strand DNA comprising the polynucleotide of SEQ. ID. No.2 by means of PCR amplification using a primer pair consisting of the following primers:

5'-TTGGATCCATGACATCCAGATTTGGGAAAACATACAGTAGG-3' (SEQ ID NO: 8); and

5'-TTGAATTCCTAGCAATGTTCCAAATATTCAATCACTCTAGA-3' (SEQ ID NO: 9);

digesting the double strand DNA with HindIII/EcoR1 to obtain a DNA fragment; and

inserting the DNA fragment thus obtained into a mammalian expression vector to construct the recombinant vector.

~~23.~~ (withdrawn): A method of using the polynucleotide of SEQ. ID. No.2 for construction of transformed cell by transforming a human host cell using a recombinant vector comprising the polynucleotide of SEQ. ID. No.2;

wherein the polynucleotide of SEQ. ID. No.2 is used as a coding sequence to be translated into the polypeptide of SEQ. ID. No.1, and the method comprises the steps of:

preparing a double strand DNA comprising the polynucleotide of SEQ. ID. No.2 by means of PCR amplification using a primer pair consisting of the following primers:

5'-TTGGATCCATGACATCCAGATTTGGGAAAACATACAGTAGG-3'(SEQ ID NO: 8); and

5'-TTGAATTCCTAGCAATGTTCCAAATATTCAATCACTCTAGA-3' (SEQ ID NO: 9);

digesting the double strand DNA with HindIII/EcoR1 to obtain a DNA fragment;

inserting the DNA fragment thus obtained into a mammalian expression vector to construct the recombinant vector; and

transfecting the recombinant vector to the human host cell to produce the transformed cell.

24. (canceled).

25. (canceled).